ELSEVIER

Agricultural Water Management 56 (2002) 263–264

Agricultural water management

www.elsevier.com/locate/agwat

Contents of *Agricultural Water Management*, Volume 56

VOLUME 56 ISSUE 1 **2 JULY 2002**

Using the SIMGRO regional hydrological model to evaluate salinity control measures in an irrigation area
E. Kupper, E.P. Querner (Wageningen, The Netherlands), J.A. Morábito (Mendoza, Argentina) and M. Menenti (Wageningen, The Netherlands) 1

Phosphorus load reductions under best management practices for sugarcane cropping systems in the Everglades Agricultural Area
R.W. Rice, F.T. Izuno and R.M. Garcia (Belle Glade, FL, USA) 17

Options for alternative irrigation water supplies in the Murray–Darling Basin, Australia: a case study of the Shepparton Irrigation Region
A. Smith (Echuca, Australia) and B.L. Maheshwari (Penrith South DC, Australia). 41

A growth-irrigation scheduling model for wastewater use in forest production
M.S. Al-Jamal, T.W. Sammis, J.G. Mexal, G.A. Picchioni (Las Cruces, NM, USA) and W.H. Zachritz (Las Vegas, NV, USA) 57

VOLUME 56 ISSUE 2 **30 JULY 2002**

Performance evaluation of an irrigation command area using remote sensing: a case study of Mahi command, Gujarat, India
S.S. Ray, V.K. Dadhwal and R.R. Navalgund (Ahmedabad, India) 81

On-farm strategies for reducing water input in irrigated rice; case studies in the Philippines
D.F. Tabbal, B.A.M. Bouman, S.I. Bhuiyan (Los Baños, Philippines), E.B. Sibayan (Muñoz, Philippines) and M.A. Sattar (Joydebpur, Bangladesh) 93

Simulating the fate of water in a soil–crop system of a semi-arid Mediterranean area with the WAVE 2.1 and the EURO-ACCESS-II models
J.E. Fernández (Sevilla, Spain), C. Slawinski (Lublin, Poland), F. Moreno (Sevilla, Spain), R.T. Walczak (Lublin, Poland) and M. Vanclooster (Louvain-la-Neuve, Belgium) 113

Short term effects of saline irrigation on evapotranspiration from lysimeter-grown citrus trees
S. Li Yang, T. Yano (Tottori, Japan), M. Aydin (Antakya, Turkey), Y. Kitamura (Tottori, Japan) and S.-i. Takeuchi (Kitakyushu, Japan) 131

Interrelations of yield, evapotranspiration, and water use efficiency from marginal analysis of water production functions
W.Z. Liu (Shaanxi, PR China), D.J. Hunsaker (Phoenix, AZ, USA), Y.S. Li (Shaanxi, PR China), X.Q. Xie (Beijing, PR China) and G.W. Wall (Phoenix, AZ, USA) 143

PII: S0378-3774(02)00065-3

Modelling nitrate losses in drainage water using DRAINMOD 5.0
T.G. Helwig, C.A. Madramootoo and G.T. Dodds
(Sainte Anne-de-Bellevue, Canada) 153

Short communication
Effect of pumping on temporal changes in groundwater quality
S.K. Kamra, K. Lal, O.P. Singh (Karnal, India) and J. Boonstra
(Wageningen, The Netherlands). 169

VOLUME 56 ISSUE 3 **31 AUGUST 2002**

Aluminum-contaminant transport by surface runoff and bypass flow from an acid sulphate soil
L.Q. Minh (Wageningen, The Netherlands and Can Tho, Viet Nam), T.P. Tuong (Manila, Philippines), M.E.F. van Mensvoort and
J. Bouma (Wageningen, The Netherlands) 179
SIMIS: the FAO decision support system for irrigation scheme management
L. Mateos (Córdoba, Spain), I. López-Cortijo and J.A. Sagardoy (Rome, Italy) . . 193
Seasonal water use and water productivity of millet-based cropping systems in the Nigerian Sudan savanna near Kano
K.O. Oluwasemire (Samaru-Zaria, Nigeria), C.J. Stigter (Wageningen, The Netherlands), J.J. Owonubi (Samaru-Zaria, Nigeria) and
S.S. Jagtap (Ibadan, Nigeria) 207
Seasonal water production functions and yield response factors for maize and onion in Perkerra, Kenya
E.C. Kipkorir, D. Raes (Leuven, Belgium) and B. Massawe (Marigat, Kenya) . . . 229

Cumulative Author Index, Volumes 52–56. 241
Cumulative Subject Index, Volumes 52–56 247
Contents of *Agricultural Water Management*, Volume 56. 263